

**Commonwealth of Kentucky
Division for Air Quality**

REVISED PERMIT APPLICATION SUMMARY FORM

Completed by: Frough Sherwani

GENERAL INFORMATION:

Name:	AEP Industries, Inc.
Address:	123 Willamette Lane Bowling Green, Kentucky 42101
Date application received:	07/16/2008
SIC Code/SIC description:	2643/Bags, except textile bags
Source ID:	21-227-00090
Source A.I. #:	40031
Activity ID:	APE20080001
Permit:	F-07-014R2

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input checked="" type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
X_Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:**Existing Source**

POLLUTANTS	POTENTIAL EMISSIONS (TPY)	ACTUAL EMISSIONS¹ (TPY))	ALLOWABLE EMISSION (TPY)
Carbon Monoxide (CO)	5.5188	0.64	NA
Nitrogen Oxides (NO_x)	6.57	0.746	NA
Sulfur Dioxide (SO₂)	0.0392	0.0045	NA
Particulate Matter (PM/PM₁₀)	0.499	0.058	NA
VOC*	390	8.06	90.0

Emissions from Revisions 2:

POLLUTANTS	POTENTIAL EMISSIONS (TPY)	ACTUAL EMISSIONS¹ (TPY))	ALLOWABLE EMISSION (TPY)
Carbon Monoxide (CO)	-1.8396	NA	NA
Nitrogen Oxides (NO_x)	-2.19	NA	NA
Sulfur Dioxide (SO₂)	-0.01314	NA	NA
Particulate Matter (PM/PM₁₀)	-0.12045	NA	NA
VOC*	-203.02	NA	NA

Source wide Emissions after modification (Revision 1):

POLLUTANTS	POTENTIAL EMISSIONS (TPY)	ACTUAL EMISSIONS¹ (TPY))	ALLOWABLE EMISSION (TPY)
Carbon Monoxide (CO)	3.6792	0.64	NA
Nitrogen Oxides (NO_x)	4.38	0.746	NA
Sulfur Dioxide (SO₂)	0.02628	0.0045	NA
Particulate Matter (PM/PM₁₀)	0-12045	0.058	NA
VOC*	187.11	8.06	90.0

1. Actual emissions are from the Kentucky Division for Air Quality's 2007 Emissions Inventory report.

* The source has accepted a facility-wide cap on annual VOC emissions of no more than 90.0 tons per rolling 12-month period.

REVISION 2 (MINOR REVISION):

On July 16, 2008, the Division received an application from the source for a minor revision to their conditional major permit F-07-014R1.

With this application the source is requesting to remove flexographic presses # 203, #204, #205, # 206 and Catalytic Oxidizer # 2. After this removal the source will end up with two flexographic presses (EP # 4 and 5), Catalytic Oxidizer # 2 and following insignificant activities:

1. Distillation system (Capacity: 10,000 gallons/year)
2. Four Extruders
3. Cutting/Packaging
4. 16 Resin Pellet Storage Silos
5. Two Laminators
6. One Resin Pellet Reclaiming Process

The current source wide emission allowable for VOC will remain unchanged at 90 tons per rolling 12-month period.

REVISION 1 (MINOR REVISION):

On October 26 2007, the Division received an application from the source for a minor revision to their conditional major permit F-07-014.

There are four (4), Flexographic printing presses currently operating at the facility. The source is proposing to add one (1) Flexographic printing press. The VOC emissions from the proposed press will be controlled by the two existing natural gas fired catalytic oxidizers (CO #1 and CO # 2).

On December 5, 2007, the Division received an application from the source for the addition of the following insignificant activities to the permit.

1. 16 Resin Pellet Storage Silos
2. Two Laminators
3. One Resin Pellet Reclaiming Process

The current source wide emission allowable for VOC is 90 tons per rolling 12-month period. This allowable will remain the same.

SOURCE DESCRIPTION:

AEP Industries Inc. operates facility in Bowling Green, Warren County, Kentucky. The facility manufactures plastic bags under SIC 2643. APE Industries Inc. is currently operating under permit no F-95-020.

The source has four flexographic presses (press # 3, # 4, #5, # 10), two catalytic oxidizers, and a number of insignificant activities.

On January 22, 2001, the Division received a renewal/name change application. The name change request from “Cello Bag Company Inc.” to “AMCOR Flexibles Inc.”

On January 19, 2003, the Division received another name change application. The name change request from “AMCOR Flexibles Inc.” to “Mercury Plastics, Inc.”.

On November 16, 2006, the Division received a name/owner change application. The name change request from “Mercury Plastics, Inc.” to “AEP Industries Inc.”.

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

The source has accepted a facility-wide cap on annual VOC emissions of no more than 90.0 tons per rolling 12-month period. Compliance with this allowable will be demonstrated by a combination of record keeping, material balance and the operation of the oxidizers specified in the terms and conditions of the permit.